

10/521628  
Rec'd PCT/PTO 08 SEP 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Boden et al.

**Application No.** 10/521,628

**Filed:** January 13, 2005

**Confirmation No.** 2023

**For:** BETA SHEET TAPES RIBBONS IN  
TISSUE ENGINEERING

**Examiner:** Not yet assigned J. H.

**Art Unit:** Not yet assigned 1654

**Attorney Reference No.** 5585-70293-01

CERTIFICATE OF MAILING

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Attorney or Agent  
for Applicant(s)

Date Mailed September 6, 2005

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

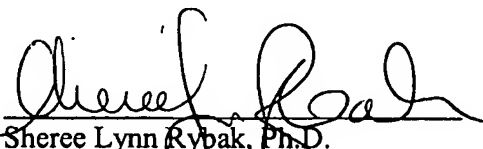
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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By   
Sheree Lynn Rybak, Ph.D.  
Registration No. 47,913

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446

cc: Docketing

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Attorney Docket Number	5585-70293-01
Application Number	10/521,628
Filing Date	January 13, 2005
First Named Inventor	Boden
Art Unit	Not yet assigned 1654
Examiner Name	Not yet assigned J. Ha

## **U.S. PATENT DOCUMENTS**

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JH/		6,034,211	3/7/2000	Kelly

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JH/		WIPO	WO 03/006494 A1	23.01.2003	University of Leeds

## **OTHER DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	
/JH/		Aggeli et al., "Responsive Gels Formed by the Spontaneous Self-Assembly of Peptides Into Polymeric $\beta$ -Sheet Tapes," <i>Nature</i> 386:259-262 (1997).
		Aggeli et al., "pH as a Trigger of Peptide $\beta$ -Sheet Self-Assembly and Reversible Switching between Nematic and Isotropic Phases," <i>J. Am. Chem. Soc.</i> 125:9619-9628 (2003).
		Fishwick et al., "Structures of Helical $\beta$ -Tapes and Twisted Ribbons: The Role of Side-Chain Interactions on Twist and Bend Behavior," <i>Nano Lett.</i> 3:1475-1479 (2003).
		Fukushima, "Self-Induced Helix-Sheet Conformational Transitions of an Amphiphilic Peptide," <i>Polym. J.</i> 27:819-830 (1995).
		Nyrkova et al., "Fibril Stability in Solutions of Twisted $\beta$ -Sheet Peptides: A New Kind of Micellization in Chiral Systems," <i>Eur. Phys. J.</i> 17:481-497 (2000).
		Nyrkova et al., "Self-Assembly and Structure Transformations in Living Polymers Forming Fibrils," <i>Eur. Phys. J.</i> 17:499-513 (2000).

EXAMINER  
SIGNATURE:

/Julie Ha/

DATE  
CONSIDERED:

Sept. 08, 2005

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.